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United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES*

FEBRUARY 1951

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TIMELY BULLETINS

M 538. Growing vegetables in town and city. 1944; slightly revised 1950.

IS 48. Home freezing of fruits and vegetables. 1946.

IS 64. Home canning of fruits and vegetables. 1947.

LEAFLETS

Russian-olive for wildlife and good land use. A. E. Borell. Soil Conservation Service. 8 p., illus. (L 292.) Price 5¢.

The value of this shrub as a windbreak, living fence, and for streambank protection in the western states is given.

Root vegetables in everyday meals. Bureau of Human Nutrition and Home Economics. Folder, illus. (L 294.) Price 5¢.

Formerly issued as IS 42.

Grading soft red winter wheat at country points. Extension Service. Folder, illus. (L 298.) Price 5¢.

Formerly issued as IS 33.

AGRICULTURAL INFORMATION BULLETINS

The check-out operation in self-service retail food stores. E. M. Harwell and Paul F. Shaffer. Production and Marketing Administration. 72 p., illus. (AB 31.) Price 40¢. RESTRICTED DISTRIBUTION.

The purpose of this study was to evaluate the check-out operation in retail self-service food stores. A new type grocery check-out counter is described.

Market outlets for extra long staple cotton in the United States. Joe H. McLure. Production and Marketing Administration. 50 p., illus. (AB 33.) Price 25¢. FOR SALE ONLY.[1]

Factors affecting market outlets in the U. S. for this type of cotton are described.

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* Compiled by Eleanor W. Clay. Office of Information.

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Customers across the border—The farmer's stake in United States-Canadian trade. Office of Foreign Agricultural Relations. 8 p., illus. (AB 35.) Price 5¢. FOR SALE ONLY.[1]

How our farmers share in this two-way trade is described.

CIRCULARS

Nutritive requirements and feed formulas for chickens. H. R. Bird. Bureau of Animal Industry. 28 p., illus. (C 788, rev.) Price 10¢.

The nutrients required by chickens and the efficient utilization of poultry feed in feeding practices are described in this revised circular.

SERVICE AND REGULATORY MATERIAL

Notices of judgment under the Insecticide Act. Production and Marketing Administration. Pp. 693–711. (NF-IF 2041–2066.)

Service and regulatory announcements. Bureau of Animal Industry. February 1951. Pp. 1–8. (SRA-BAI 525.) Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.[1]

SOIL SURVEYS

The Idaho Falls Area, Idaho. Bureau of Plant Industry, Soils, and Agricultural Engineering in cooperation with the University of Idaho College of Agriculture and Agricultural Experiment Station. Series 1939, No. 8. 69 p., illus. Price $1.50.

TECHNICAL BULLETINS

Effect of burning on the deterioration of sugarcane under Louisiana conditions. R. T. Balch, C. B. Broeg, and J. I. Lauritzen. Bureau of Agricultural and Industrial Chemistry and Bureau of Plant Industry, Soils, and Agricultural Engineering. 22 p., illus. (T 1021.) Price 10¢. FOR SALE ONLY.[1]

The removal of trash by hand in sugarcane fields has been largely replaced by a burning operation. The results of a study on the effects of this operation are given.

The bed-load function for sediment transportation in open channel flows. Hans Albert Einstein. Soil Conservation Service. 71 p., illus. (T 1026.) Price 65¢. FOR SALE ONLY.[1]

This publication describes a method which may be used to determine the bed-load function for many but not all types of stream channels.

OTHER PUBLICATIONS

Cotton quality statistics United States 1949-50. Production and Marketing Administration. 63 p., illus. (SB 94.) Price 35¢. RESTRICTED DISTRIBUTION.

Feed statistics including wheat - rye - rice. Bureau of Agricultural Economics. 53 p. (SB 95.) Price 30¢. FOR SALE ONLY.[1]

Growing avocados in Puerto Rico. Edward P. Hume. Office of Experiment Stations. 53 p., illus. (PRC 33.) Price 20¢. FOR SALE ONLY.[1]

Gypsy moth. Bureau of Entomology and Plant Quarantine. 1 p., illus. (PS 26.) Price 5¢.

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Report of the Chief of the Bureau of Agricultural and Industrial Chemistry, Agricultural Research Administration, 1950. G. E. Hilbert. 111 p. Price 30¢. FOR SALE ONLY.[1]

PERIODICALS

Agricultural economics research. Vol. III, No. 1, January 1951. Price 20¢ a copy, 75¢ a year, domestic; $1.00 a year, foreign.[1]

The agricultural situation. Vol. 35, No. 2, February 1951. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign.[1]

Agriculture decisions. Vol. 9, No. 11, November 1950. Price of single copy varies depending on size. $3.25 a year, domestic; $4.25 a year, foreign.[1]

Bibliography of agriculture. Vol. 15, No. 2, February 1951. Single copies vary in price. $6.00 a year, domestic; $8.00 a year, foreign.[1]

Extension service review. Vol. 22, No. 1, January 1951. Price 10¢ a copy, $1.00 a year, domestic; $1.50 a year, foreign.[1]

Foreign agriculture. Vol. XV, No. 2, February 1951. Price 15¢ a copy, $1.50 a year, domestic; $2.00 a year, foreign.[1]
Index to Volume XIII — 1949.

Marketing activities. Vol. 14, No. 1, January 1951. Price 15¢ a copy, $1.75 a year, domestic; $2.25 a year, foreign.[1]

News for farmer cooperatives. Vol. 17, No. 11, February 1951. Price 15¢ a copy, $1.50 a year, domestic; $2.00 a year, foreign.[1]

Rural electrification news. Vol. 16, Nos. 7 and 8, February-March 1951. Price 15¢ a copy, 75¢ a year, domestic; $1.00 a year, foreign.[1]

Soil conservation. Vol. XVI, No. 7, February 1951. Price 10¢ a copy, $1.00 a year, domestic; $1.50 a year, foreign.[1]

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Fire in the forest. 2 reels, 16 mm., sound, color. Running time, 22 minutes. Released 1951.

The film develops the theme that fuel, weather, and slope are the main conditions that control fire behavior. It shows the effect of fuels on color and action of smoke; the burning behavior of heavy bulky fuels and of flash fuels such as dry grass, leaves, etc. It explains the effect on fires of wind, humidity, temperature, time of day, and seasons of the year. Finally, it shows the effect of slope and exposure of the land.

(Not in film libraries; available from State Foresters in Northeastern States and the Regional Forester, U. S. Forest Service, Bankers Security Bldg., Philadelphia 7, Pa.; and for sale for approximately $99 from United World Films, Inc., 1445 Park Avenue, New York 29, New York.)

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